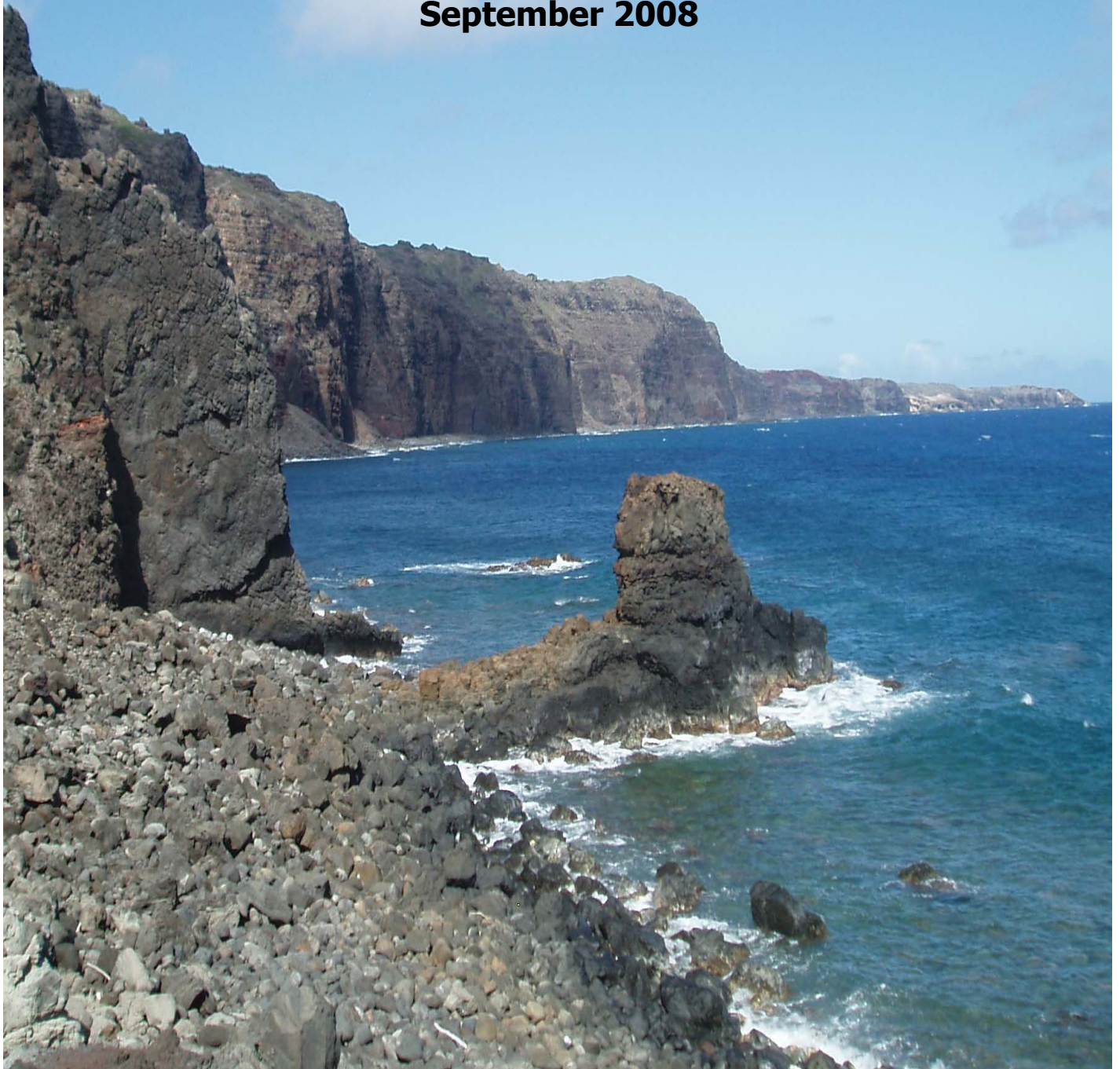


Mokio Startup Management Plan

Moloka`i Land Trust

September 2008



Mokio Startup Management Plan

September 2008

I. Introduction & Background

Mokio Property is the first donation of land from Moloka`i Property, Limited to the Moloka`i Land Trust, a 509(a)(3) supporting organization of the 501(c)(3) Supported Organization, Ke Aupuni Lōkāhi, a federally funded Hawai`i nonprofit corporation. Ke Aupuni Lōkāhi was formed after Moloka`i was designated as an Enterprise Community through the USDA Empowerment Zone Program. Ke Aupuni Lōkāhi has as part of its mission to steward the natural and cultural resources of Moloka`i, and includes in its strategic plan the creation of a land trust for Moloka`i.

The Moloka`i Land Trust was officially recognized by the State of Hawai`i in June 2006 and has been officially recognized as a federally established 509(a)(3) corporation by the Federal government on November 30, 2006 (Attached IRS Letter of Determination).

The Mokio parcel is an initial gift from Moloka`i Ranch to the Moloka`i Land Trust. Mokio was considered most environmentally pristine of all lands owned by Moloka`i Ranch during the Master Land Use planning process. The intent of the gift is the protection of these lands and coastline. The MLT will never develop the Initial Gifted Lands, all historic and cultural sites will be protected and significant biological and ecological resources will be sustained for current and future spiritual, cultural and subsistence uses.

II. Project Description

The Mokio Parcel is approximately 1,600 acres located on the northwest coast of Moloka`i, between the State's Ilio point parcel (west boundary) and The Nature Conservancy's Mo`omomi Preserve (east boundary). See attached *Mokio Parcel* map. The traditional undeveloped road from Keonelele to Ilio marks the south boundary of the Mokio parcel and the shoreline marks its north boundary (approximately 5 miles).

The name "*Mokio*" was chosen because of the prominent northern most coastal point, called Mokio Point. Although the meaning of the name Mokio is not commonly known, one source (P. Spalding III – Harriet Ne)



says that it is the name of a fish that is found there. Many residents of Moloka`i refer to the entire northwest coastal area after Keonelele and before Ilio Point, as Mokio. There are two well known trails that access key coastal subsistence areas. Mokio point and "Stonewall" trail. Stonewall trail accesses the coastline area called, "Kealapūpūakiha".

Another road leads to the eastern base of Ka`a hill. The road skirts the "antennae" fields of the ARINC communication company, a lessee of the Mokio parcel. Today the Ka`a road is mainly used to access the Ka`a gulch area for hunting.



Culturally, Mokio was and still is a significant coastal gathering area and formerly an adze production site. The Mokio gift includes a lease of Pu`u Ka`eo and is the only part of the gifted lands that is on the south side of the main road. Pu`u Ka`eo contains numerous cultural artifact sites as well as a known adze quarry and heiau.

Biologically, there are several systems of note. The coastal strand ecosystem, coastal cliff bird nesting site, and tidal pool system was the reason why the Master Land Use Environmental Subcommittee planning effort ranked the Northwest coast as the top priority biological resource site for inclusion into the land trust.



Although the climate is dry, hot and windy, this stretch of coastline has been feeding the people of Moloka`i for countless generations. Most of the inshore resources has remained sustainable due to the relative remote nature of the area, but more so because the treacherous winter surf allows for an annual time of recovery.



Although not part of the parcel, people on Moloka`i know the Northwest coast because of `Ilio Point, where there is an abandoned US Coast Guard Station established prior to World War II. The `Ilio point parcel belongs to the State of Hawai`i and was once proposed to become part of the State's Department of Land and Natural Resources Natural Area Reserve System because of its native coastal strand system. During the late 1960's to early 1970's, military exercises were conducted over this region and unexploded ordnance (UXO) is present. Prior to Moloka`i Ranch gift, the deed to the Mokio Property, all known UXO will be removed.

UXO Casings



Anapuka Point, northwestern boundary point

III. Management Activities

A. Access

Year 1 Access Plan for Mokio will be a system that allows for sustainable gathering of coastline and land resources. The system combines Moloka`i Ranch's Beach Pass System and The Nature Conservancy's Mo`omomi Pass-Key System. Resources gathered in the past included mainly; `opihi, fish, limu, crab and axis deer. By the end of Year 1, a more comprehensive draft access plan will be completed for long-term application. Mokio access will be guided by the following principles, but will be revisited in the future:



- sustainable gathering is a priority.
- the sustainability of the resources will guide the level of gathering permitted on the Mokio property (how many users/how often)
- open to all Moloka`i residents.
- Moloka`i Ranch employees and Maunaloa residents will have special considerations.
- All access users will be required to complete and sign the MLT "Access Permit & Waiver".
- condition of the road will remain as is, until funds are available for regular maintenance and or improvements (water bars, signage, etc.)
- no new roads will be constructed.

B. Begin Monitoring. Monitoring is an important component that helps develop and guide management activities and will be the basis for long-term management plans. There are basically two types of monitoring; Health or viability monitoring and threat monitoring.

Health monitoring is an accounting (extent and vigor) of the current natural resources and how it is changing over time. Change is either good (natural dynamics) or not good (taken over or impacted by threats). Possible natural resources to be monitored are:

- `opihi
- āholehole
- moi
- Ulua/pāpio
- Limu kohu
- lobster
- `a`ama crab
- sea bird/nesting sites
- coastal strand/rare plants



Threat monitoring documents how various forces impacts the natural resources. Threats include human activity, weeds and feral animals. Human use of the natural resources must be closely monitored to ensure the resources remains sustainable. Threats to be monitored are:

- invasive weeds
- invasive animals
- gathering practices
- fire
- unexploded ordinances (uxo)



The development both health and threat monitoring systems will begin by the end of Year 1. It is projected that by Year 3, the monitoring system will be completed and will guide future management for protection of the Mokio parcel, adjacent coastline, tidal pools and oceans.

C. Cultural Sites

By the end of Year 1, a system and schedule to inventory cultural sites will be completed. By Year 3, a Cultural Site Management Plan will be completed to guide care and stewardship of all known and documented sites.

An initial list of prohibited public/user activities on the Mokio parcel includes:

- 1) Restriction of vehicular activity to existing roadways.
- 2) No all terrain vehicles (ATV's) or "quads" or dirt bikes.
- 3) No vehicular access on existing native coastal strand vegetation.
- 4) No unauthorized or illegal firearms.
- 5) No open fires.

Upon completion of the development of the monitoring systems, a more complete list of prohibitive activities will be developed that is warranted to protect and preserve biological and cultural resources and will be added to the Long-Range planning process.



Moloka`i Land Trust Chair Colette Machado (MLT Chair) takes in a breathtaking view at Ka`a.

D. Day to Day and Year 1 Operations

Staffing -- A **Project Manager** for Mokio Project will be hired in year 1. The manager will be responsible to implement the "*Mokio Startup Management Plan*" and to manage the day to day operations. This includes the following:

- Recruit partners and government agencies to aid in the development of the various programs mentioned above.
- Manage and monitor the access system and insure all users are following the rules and are accounted for.
- Develop short and long term management plans.
- Aid in the recruitment of additional staff.
- Purchase vehicle, equipment, tools and supplies.
- Provide logistics and guidance for all fundraising, educational and community events.
- Assist in the completion of grant proposals and reports.
- Acquire any necessary permits needed for management activities.
- Become trained in CPR, Wilderness First Aid, Hunter Education and any other pertinent training deemed necessary.
- coordinate with MPL on management tasks, access and other issues.

E. Education/Community Outreach

The long-term objective is to educate and bring awareness of Mokio's biological, ecological, and cultural significance and sustainable resource uses. An education and community outreach program will be developed that brings awareness to the Molokai Community about:

- The Moloka'i Land Trust
- Mokio parcel
- sustainable gathering practices
- cultural protocols, policies and guidelines
- cultural "moolelo"
- operational protocols, policies and guidelines
- biological significance



At the onset of MLT access program, all users will be required to read and understand the Mokio Management Plan and any other educational material required by the MLT.

F. Fundraising Plan

A fundraising plan will be developed by the first quarter of Year 1 with the goal of achieving capital and sustainable funding. Major priorities are:

- use the ARNC lease payment as a match to successfully recruit sustainable government funds
- cultivate major donors and foundations for private, unrestricted funds.

G. General Ledger

Budget – Year 1

Staffing		\$80,000
Contractual		\$30,000
Vehicle/Equipment Office supplies		\$50,000
Travel/Training		\$10,000
Legal Cost/Taxes		\$20,000

Other		\$10,000
Total Year 1		\$200,000.00

Attachments:

Moloka`i Land Trust Access Permit & Waiver

Moloka`i Land Trust Access Permit & Waiver -- Terms, Rules and Policies



The Moloka`i Land Trust Corporate Purpose

"To protect and restore the land, natural and cultural resources of Moloka`i, and to perpetuate the unique Hawaiian traditions and character of the island, for the benefit of the future generations for all Moloka`i, particularly native Hawaiians."

Moloka`i Nui A Hina (Moloka`i, Great Child of Hina)

-reverence and love for Molokai's people and the land;

Moloka`i Pule O`o (Moloka`i, Land of Powerful Prayer)

- strength in mission through prayer, training and education;

Moloka`i `Āina Momona (Moloka`i, Land of Plenty)

- promoting and practicing of sustainable land use practices;

Moloka`i No Ka Heke (Moloka`i is the Greatest)

- remaining true to core Hawaiian values while embracing new technologies and ideas.



Molokai Land Trust Board Members:

William M. Akutagawa
Richard A. Cooke III
Cheryl Corbiell
Stephanie Helm Crivello
Halona Kaopuiki
David J. Lunney
Colette Y. Machado
Daviana P. McGregor
Edwin T. Misaki
Pedro Benny Venenciano

Ex-official: Molokai Ranch, Ke Aupuni Lokahi

For Generations yet to come!



Moloka`i Land Trust Access Permit & Waiver Date of Permit_____ Permit #:_____

Moloka`i Land Trust Authorizing Signature: _____

The Signer(s) below is granted permission to enter upon property owned by the Moloka`i Land Trust (MLT) and on Moloka`i Ranch (Moloka`i Properties, Limited) access roads to the MLT property for the following purpose(s):

___ `Opihi ___ Throw Net ___ Pole Fishing ___ Crabbing ___ Limu ___ Diving ___ Hunting

Area of Permit: ___ Ka`a (Last Chance) ___ Mokio ___ Kealapūpūakiha (Stone Wall) ___ Anapuka

Time In_____ Time Out_____

The Signer(s) understands and acknowledges that the area is remote and undeveloped with challenging conditions, including but not limited to the following:

- The area is remote, steep, dry and is subject to flash floods, gusty winds and rough surf.
- All access roads are unpaved and rough, and trails are undeveloped.
- There is no potable water, bathroom facilities, telephone or shelters.
- There is no rescue or medical services in close proximity.
- There may be wild dogs and biting/stinging insects.
- There may be poachers or subsistence hunters who enter the property without notice to MLT.
- Cell phone reception in the area is unreliable (?).
- There may be unexploded ordinances that may be live.
- The area is prone to wildfires.

In consideration of being granted permission to enter MLT and Moloka`i Ranch easement roads, the Signer(s) hereby releases and agrees to indemnify and hold harmless MLT and Moloka`i Properties, Limited (MPL) and all persons connected with them, including employees, officers, directors and trustees against any and all expenses, costs, claims, causes of action or liabilities for damages, expenses, injury, death, damage to or destruction of property, or other he/she may have, arising from his/her entry onto MLT and or MPL property. The Signer(s) further acknowledges that he/she has read and understands the terms, rules and policies of this permit agrees to be bound by them.

Accepted & Agreed (Limited to 10 total), Minors (under the age of 18) must have the legal guardian sign:

_____	_____	_____
Print Name (Lead)	Signature	Phone Contact
_____	_____	_____
Print Name (Lead)	Signature	Phone Contact
_____	_____	_____
Print Name (Lead)	Signature	Phone Contact
_____	_____	_____
Print Name (Lead)	Signature	Phone Contact
_____	_____	_____
Print Name (Lead)	Signature	Phone Contact
_____	_____	_____
Print Name (Lead)	Signature	Phone Contact
_____	_____	_____
Print Name (Lead)	Signature	Phone Contact

Name of Minor_____ Signature of Guardian _____

Name of Minor_____ Signature of Guardian _____

Vehicle Make:	Model:	License Plate#:	Color:
Vehicle Make:	Model:	License Plate#:	Color:
Vehicle Make:	Model:	License Plate#:	Color:

Moloka`i Land Trust Access Permit & Waiver -- Terms, Rules and Policies:

Permits Process/Rules:

- All permittees will be required to view all required educational materials, including: Moloka`i Ranch's Beach Access Video;
- Reservations are on a first come, first serve basis, and a \$25 (cash) key deposit is required. The deposit will be returned upon return of the key. The permit and key are non-transferable.
- The permit must designate a "Lead" Signer of the permit and has to be present at all times during the trip. The Lead will be responsible for the deposit (key). The lead person of the permit must be a Moloka`i Resident (Hawaii Driver licenses/Moloka`i Zip). The Lead will be responsible for to ensure that the access principles will be upheld by all members of the group.
- Ocean and Hunting permits are separate and will not occur at the same time.
- Permits are valid only for the area specified on the permit.
- Permits must be in the lead persons vehicle at all times.
- Permit is valid only during the times of the permit.
- Firearms are only allowed on Hunting Permits.
- No commercial entities/activities are allowed at any time during the permit.
- MLT retains the right to refuse or revoke an access permit.
- All Hawaii State and Federal Laws are in effect at Moku.
- Gathering of any species will be stopped if the resources begin to decline and become unsustainable.
- The completion of the gathering report is required and shall be returned with the key.

Ocean Gathering:

- General Moloka`i Residents – Access will be granted only on weekends. Reservations can be made over the phone, but completing the permit must be done during MLT office hours (___am - ___pm, Monday-Friday). Pickup of the key must be done on the afternoon of the day preceding the permit date. Saturday/Sunday passes must be picked up the preceding Friday afternoon.
- Moloka`i Ranch Employees and Maunaloa Residents can request any day during the season. Employees must be in compliance with all Ranch policies.
- Maunaloa residents must have a valid driver's license with a Maunaloa Zip (96770) and must have resided in Maunaloa town for at least 5 years.
- Ocean gathering season is from April to August.
- Only two ocean collecting permits a month allowed for Maunaloa and Ranch employees.
- Only one ocean collecting permits a month allowed for the general Moloka`i residence.
- Access Permit for ocean gathering is limited to ten (10) persons per permit, including minors.
- Selling of any gathered items is prohibited.
- No gathering of endangered, threatened species or those prohibited by MLT.
- Gathering of `opihi is limited to 120 lbs (with shell) **per permit**.
- `Opihi gathering season is from March to September.
- All gathering will comply with state laws.
- Night permits will not be granted in year 1, but will be part of the long-term access plan.
- Firearms are prohibited.

Hunting:

- Hunting will be through the Moloka`i Ranch hunting system. Mokio will be part of the Ranch's `Ilio area. Moloka`i Ranch will require all hunters of the permit to sign and comply with MTL's Access Permit.
- Hunting permit is limited to 7 persons (including minors) per day.
- All hunters must have a valid Hawaii State Hunting License.
- Hunting is allowed only during daylight hours.
- Bag limit is one deer per hunter.

Vehicles:

- Only Four-wheeled drive (4x4) vehicles will be recommended.
- Vehicle(s) description must be on the permit.
- Vehicle(s) must remain on the access roads and proceed directly to and from MLT lands.
- Each permit is limited to three (3) vehicles.
- Damage to vehicles are at the risk of the owners.

Other:

- Non-gathering permits will be granted on a case by case basis.
- Littering is prohibited. Please take out all your trash and more.
- Pets are prohibited.
- Fires and fireworks are prohibited. Firearms are only allowed on hunting permits.
- ATV, motorcycles and bicycles are prohibited.
- Failure to close and lock gates are grounds to deny access permit in the future.
- Report any suspicious activities

Failure to comply with the above Terms, Rules and Policies will result in suspension of access to all parties of the permit up to 1 year.

Mokio Gathering Report

Date:

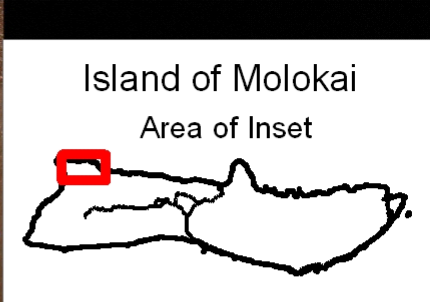
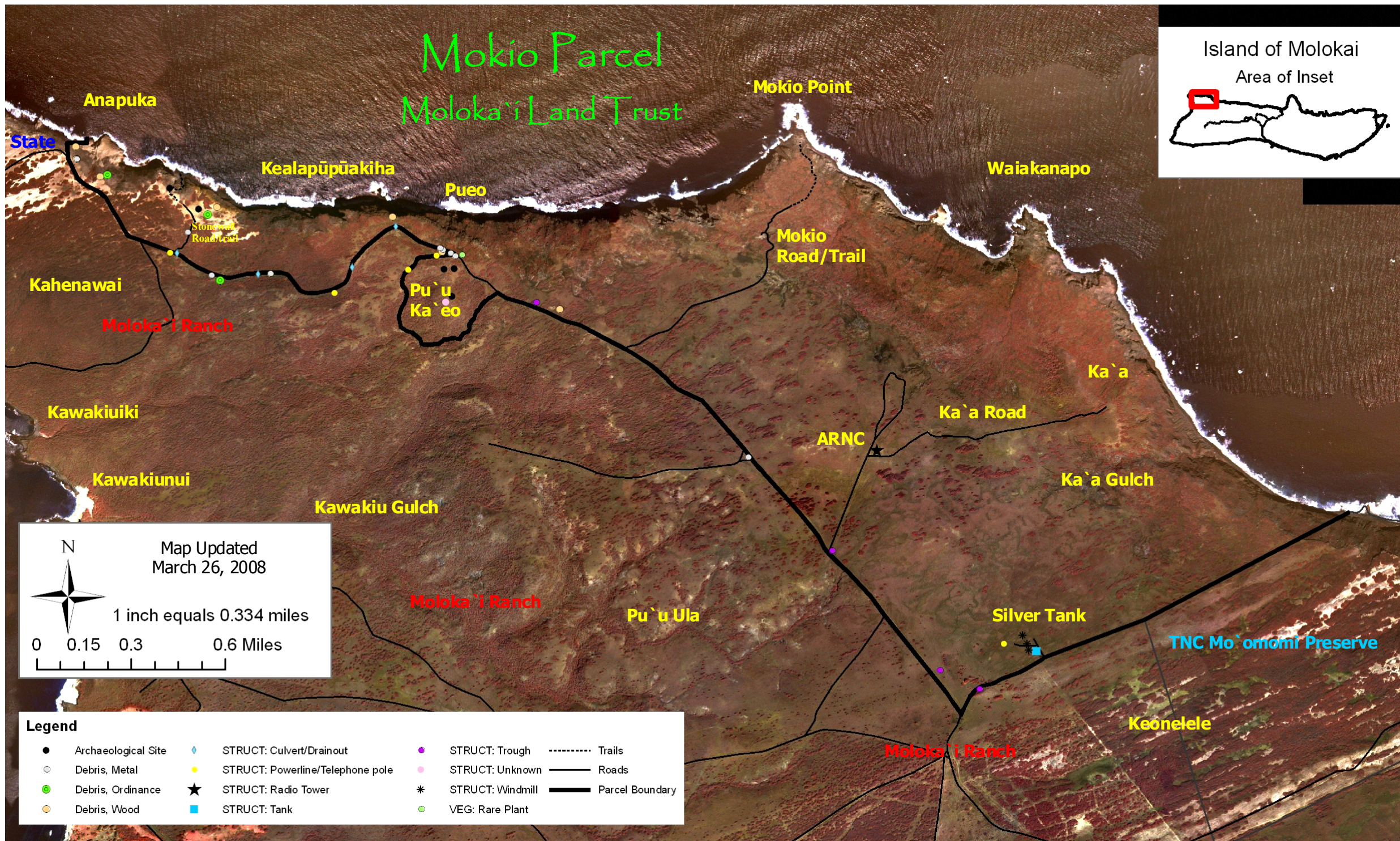
Area:

`Opihi: _____ pounds

Fish Type: Amount:

Crab Type: Amount:

Deer Bucks Does



Map Updated
March 26, 2008

1 inch equals 0.334 miles

0 0.15 0.3 0.6 Miles

Legend			
● Archaeological Site	◆ STRUCT: Culvert/Drainout	● STRUCT: Trough	----- Trails
○ Debris, Metal	● STRUCT: Powerline/Telephone pole	● STRUCT: Unknown	— Roads
● Debris, Ordinance	★ STRUCT: Radio Tower	* STRUCT: Windmill	— Parcel Boundary
● Debris, Wood	■ STRUCT: Tank	● VEG: Rare Plant	